

1. Yonezawa , Naoto et al., "Inhibition of the Interactions of Cofilin, Destrin, and Deoxyribonuclease I with Actin by Phosphoinositides", *J. Bio. Chem.* 265(15): 8382-8386 (1990);
2. Smith, D.R. et al., "High-Affinity Renal Lead-Binding Proteins in Environmentally-Exposed Humans", *Chem-Bio. Inter.* 115: 39-52 (1998);
3. International Patent Publication No. WO 99/11814, dated March 11, 1999;
4. Brosnan, James M. et al., "Identification and Characterization of High-Affinity Binding Sites for Inositol Trisphosphate in Red Beet" *Plant Cell*, 5: 931-940 (1993);
5. Abe, Hiroshi et al., "Sequence of cDNAs Encoding Actin Depolymerizing Factor and Cofilin of Embryonic Chicken Skeletal Muscle: Two Functionally Distinct Actin-Regulatory Proteins Exhibit High Structural Homology", *Biochemistry* 29: 7420-7425 (1990);
6. Arber, Silvia et al., "Regulation of actin dynamics through phosphorylation of cofilin by LIM-kinase", *Nature* 393: 805-809 (1998);
7. Barden, Julian A. et al., "Selective Labelling of CYS-10 On Actin", *Biochemistry International* 12(1): 95-101 (1986);
8. Barden, Julian A. et al., "The Environment of the High-Affinity Cation Binding Site on Actin and the Separation between Cation and ATP Sites as Revealed by Proton NMR and Fluorescence Spectroscopy, *J. Biochem.* 96(3): 913-921 (1984);
9. Blikstad, Ingrid et al., "Selective Assasy of Monomeric and Filamentous Actin in Cell Extracts, Using Inhibition of Deoxyribonuclease 1 *Cell*, 15: 935-943 (1978);
10. dos Remedios, Cristobal G. et al., "Actin and the actomyosin interface: a review", *Biochimica et Biophysica Acta* 1228: 990-124 (1995);
11. Laemmli, U. K., "Cleavage of Structural Proteins during the Assembly of the Head of Bacteriophage T4", *Nature* 227: 680-685 (1970);
12. McCabe, M. et al., "Synergistic Modulation of Lymphocyte Mitogenesis by Carcinogenic Xenobiotics", *Bull. Environ. Contam. Toxicol.* 37: 187-191 (1986);

13. McGough, Amy et al., "Cofilin Changes the Twist of F-Actin: Implications for Actin Filament Dynamics and Cellular Function", *The Journal of Cell Biology* 138(4): 771-781 (1997);
14. Moon, Anne et al., "The ADF/Cofilin Proteins: Stimulus-responsive Modulators of Actin Dynamics", *Molecular Biology of the Cell* 6: 1423-1431 (1995);
15. Nishida, Eisuke, "Opposite Effects of Cofilin and Profilin from Porcine Brain on Rate of Exchange of Actin-Bound Adenosine 5'-Triphosphate", *Biochemistry* 24: 1160-1164 (1985);
16. Ono, Shoichiro et al., "Characterization of a Novel Cofilin Isoform That Is Predominantly Expressed in Mammalian Skeletal Muscle", *The Journal of Biological Chemistry* 269(21): 15280-15286 (1994);
17. O'Donoghue, Sean I. et al., "Removing the Two C-Terminal Residues of Actin Affects the Filament Structure", *Archives of Biochemistry and Biophysics* 293(1): 110-116 (1992);
18. Read, Harry W. et al., "Environmental Applications with Submitochondrial Particles", *Microscale Testing in Aquatic Toxicology: Advances, Techniques, and Practice*, (1997);
19. Root, Douglas D. et al., "Copper Iodide Staining and Determination of Proteins Adsorbed to Microtiter Plates", *Analytical Biochemistry* 186: 69-73 (1990); and
20. Spudich, James A. et al., "The Regulation of Rabbit Skeletal Muscle Contraction", *The Journal of Biological Chemistry* 246(15): 4866-4871 (1971).

Reference numbers 1-3 were cited in a Supplementary Partial European Search Report dated May 28, 2003 received from the European Patent Office. Applicants are submitting copies of reference numbers 1-3, together with a copy of the Search Report. The relevance of reference numbers 1-3 has been described in the Search Report.

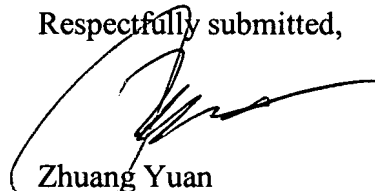
It is further respectfully submitted that the reference by Kekic et al., "Electrophoretic monitoring of pollutants: effect of cations and organic compounds on protein

interactions monitored by native gel electrophoresis", *Electrophoresis*, 20(10): 2053-2058 (1999) which was also cited in the Supplementary Partial European Search report, was previously submitted with Applicant's Information Disclosure Statement dated July 17, 2001. Applicants are submitting copies of reference numbers 4-20.

Consideration of this Information Disclosure Statement is respectfully requested, since the art provided may be material to the examination of the present application as defined under 37 C.F.R. §1.56.

Inasmuch as this Information Disclosure Statement is being submitted in accordance with the schedule set out in 37 C.F.R. §1.97(b)(4), no statement or fee is required.

Respectfully submitted,



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**LIST OF REFERENCES  
CITED BY APPLICANT**

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**Atty. Docket No.**  
13388

**Serial No.**  
09/778,259

**Applicants:**  
Christobal Guillermo dos Remedios, et al.

**Filing Date:**  
February 7, 2001

**GroupArt Unit:**  
1641

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL*	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (if appropriate)

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	3.	WO 99/11814	March 11, 1999	PCT				

**OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)**

1.	Yonezawa, Naoto et al., "Inhibition of the Interactions of Cofilin, Destrin, and Deoxyribonuclease I with Actin by Phosphoinositides", <i>J. Bio. Chem.</i> 265(15): 8382-8386 (1990)
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